

## AMERICAN BURYING BEETLE SURVEY FORM

Time: \_\_\_\_\_ Date: \_\_\_\_\_ Plot #: \_\_\_\_\_ Transect #: \_\_\_\_\_ Survey Night: 1 2 3 State: \_\_\_\_\_  
D / M / Y  
 Surveyor: \_\_\_\_\_ County: \_\_\_\_\_ Landowner: \_\_\_\_\_  
 Legal Description: \_\_\_\_\_ General Location: \_\_\_\_\_  
(Sec Township Range) (state mngt area, refuge, etc)  
 Decimal Degrees: \_\_\_\_\_ / \_\_\_\_\_ Coordinate System: \_\_\_\_\_  
(NAD 27, NAD 83, etc)  
 Vegetation Type: \_\_\_\_\_ Primary Soil Type: \_\_\_\_\_  
(Prairie, woodland, forest, pasture) (Refer to County Soil Survey)  
 Temp: Min \_\_\_\_\_ Max \_\_\_\_\_ °F Wind: \_\_\_\_\_ mph Cloud Cover: \_\_\_\_\_ %  
 Population: Wild \_\_\_\_\_ Reintroduced \_\_\_\_\_ Relocated \_\_\_\_\_ (If Relocated/Reintroduction See Appropriate Data Form)

| Trap No.     | <i>americanus</i> | <i>arbicollis</i> | <i>tomentosus</i> | <i>pustulatus</i> | <i>marginatus</i> | <i>other</i> |
|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------|
| 1. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 2. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 3. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 4. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 5. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 6. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 7. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| 8. P GTI GDU | _____             | _____             | _____             | _____             | _____             | _____        |
| Totals       | _____             | _____             | _____             | _____             | _____             | _____        |

List each individual American burying beetle captured below and complete the appropriate columns.

| Male | Female | Old | New | Age Unknown | Recapture | Newly Marked | Tag # | Death |
|------|--------|-----|-----|-------------|-----------|--------------|-------|-------|
|      |        |     |     |             |           |              |       |       |
|      |        |     |     |             |           |              |       |       |
|      |        |     |     |             |           |              |       |       |
|      |        |     |     |             |           |              |       |       |
|      |        |     |     |             |           |              |       |       |
|      |        |     |     |             |           |              |       |       |

Total Number of Years Surveyed: \_\_\_\_\_

Comments \_\_\_\_\_

Max/Min temp for previous 24-hour period: other weather data refer to current conditions. Date and time refer to when trap checked; P=Bait present; GTI=Bait gone trap intact; GDU=Bait gone trap dug up; OLD=breeding adult; NEW=newly eclosed adult; UNK=age cannot be determined. Newly marked males and females refers to color, number of bee tag, and age of beetle (e.g. R54[old]). Recaptures refer to color and number of bee tag on beetles that have been previously marked